

03050203-020
(North Fork Edisto River)

General Description

Watershed 03050203-020 is located in Aiken and Lexington Counties and consists primarily of the **North Fork Edisto River** and its tributaries from its origin to Black Creek. The watershed occupies 59,194 acres of the Sandhills region of South Carolina. The predominant soil types consist of an association of the Lakeland-Troup-Fuquay series. The erodibility of the soil (K) averages 0.11; the slope of the terrain averages 5%, with a range of 0-15%. Land use/land cover in the watershed includes: 0.32% urban land, 12.55% agricultural land, 13.60% scrub/shrub land, 68.42% forested land, 4.44% forested wetland (swamp), and 0.97% water.

The North Fork Edisto River accepts drainage from the Chinquapin Creek and Lightwood Knot Creek watershed (03050203-010), Carneys Creek, Crooker Branch, and Goose Platter Creek in the upper portion of the watershed. Other tributaries that enter the river as it moves downstream include Chalk Hill Creek (Tom Branch), Marrow Bone Swamp Creek (Juniper Creek), Wolf Pit Branch, Big Branch, Hood Branch (Church Branch), Rambo Branch, and Giddy Swamp Creek. There are numerous small recreational ponds or lakes including Steedman Pond, Chalk Hill Millpond, Collums Millpond, and Amelia Lake. There are a total of 70.2 stream miles in this watershed, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
E-084	W	FW	NORTH FORK EDISTO RIVER AT S-02-74
E-102	W	FW	NORTH FORK EDISTO RIVER AT S-02-110

North Fork Edisto River - There are two SCDHEC monitoring stations along this section of the North Fork Edisto River, which was Class B until April, 1992. Aquatic life and recreational uses are fully supported at both sites (E-102, E-084). Both sites are part of a blackwater system, characterized by naturally low pH and dissolved oxygen concentrations. Although pH excursions were noted, they were typical of values seen in such systems.

A fish consumption advisory has been issued by the Department for mercury and includes the streams within this watershed (see advisory p.31).

Permitted Activities

Point Source Contributions

There are currently no point source dischargers in this watershed.

Mining Activities

<i>MINING COMPANY</i>	<i>PERMIT #</i>
<i>MINE NAME</i>	<i>MINERAL</i>
WILSON BROTHERS SAND CO., INC.	1006-02
AIKEN MINE	SAND
H. ANDERSON CONSTRUCTION CO.	0668-32
I-20 PIT	SAND

Growth Potential

There is a low potential for growth in this watershed.